

ABSTRACT OF THE DISCLOSURE

A comb-tooth drive is realized by a display driver which drives data lines. The display driver includes a gray-scale bus to which gray-scale data is supplied
5 corresponding to an arrangement order of the data lines, first and second clock lines to which a first or second shift clock is supplied, a first and second shift registers which shift signals in first and second shift directions based on first and second shift clocks, first and second data latches which latch the gray-scale data based on the shift output of the first and second shift registers, a data line driver circuit which drives the data lines based on
10 latch data of each data latch, and a clock switch circuit which selectively outputs the first and second shift clocks based on a given mode setting signal.